

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

Declaration and Power of Attorney

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **APPARATUS AND METHOD FOR ADAPTIVE CONTROL** the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

None

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

None

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

[illegible]

2/01

I hereby appoint the attorney(s) on ATTACHMENT A as associate attorney(s) in the aforementioned application, with full power solely to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected with the prosecution of said application. No other powers are granted to such associate attorney(s) and such associate attorney(s) are specifically denied any power of substitution or revocation.

Full name of first inventor : James Russell Blodgett

Inventor's  
signature James Russell Blodgett Date 7/26/2001

Residence: 73 Castle Rock Road  
Walnut Creek, CA 94598

Citizenship: USA

Post Office Address: 73 Castle Rock Road  
Walnut Creek, CA 94598

I hereby appoint the attorney(s) on ATTACHMENT A as associate attorney(s) in the aforementioned application, with full power solely to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected with the prosecution of said application. No other powers are granted to such associate attorney(s) and such associate attorney(s) are specifically denied any power of substitution or revocation.

Full name of 2nd joint inventor: Gerald L. Frazer

Inventor's  
signature Gerald L. Frazer Date 4/19/2001

**Residence:** 16 Ashwood Court  
Atkinson, NH 03811

**Citizenship:** USA

Post Office Address: 16 Ashwood Court  
Atkinson, NH 03811

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Full name of 3rd inventor : Michael W Goodwin

Inventor's  
signature



Date 5/2/01

Residence: 60 Edgelawn Avenue, Apt. 3  
North Andover, MA 01845

Citizenship: USA

Post Office Address: 60 Edgelawn Avenue, Apt. 3  
North Andover, MA 01845

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Full name of 4th joint inventor: Karen E. Leonard

Inventor's  
signature Karen E. Leonard Date April 19, 2001

Residence: 159 Haverhill Road  
Salem, NH 03079

Citizenship: USA

Post Office Address: 159 Haverhill Road  
Salem, NH 03079

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Full name of 5th inventor : James P Moffatt

Inventor's  
signature

James P. Moffatt Date 4/25/01

Residence: 14 Woodbury Street  
Salem, NH 03079

Citizenship: USA

Post Office Address: 14 Woodbury Street  
Salem, NH 03079

FOR FILING: 253079500

I hereby appoint the attorney(s) on ATTACHMENT A as associate attorney(s) in the aforementioned application, with full power solely to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected with the prosecution of said application. No other powers are granted to such associate attorney(s) and such associate attorney(s) are specifically denied any power of substitution or revocation.

Full name of 6th joint inventor: Fan Zhang

Inventor's  
signature



Date 4/30/01

Residence: 36 D Forest Acres Drive  
Haverhill, MA 01835

Citizenship: China

Post Office Address: 36 D Forest Acres Drive  
Haverhill, MA 01835

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**ATTACHMENT A**

Attorney Name(s): James W Wiegand

Reg. No.: 39,423

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